

10037341.010402

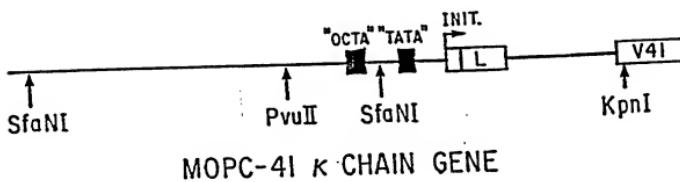


FIG.1A

poly dl-dC E. coli

1 2 3 4 5 6 7 8 9 10 11



FIG.1B

10037341-010402

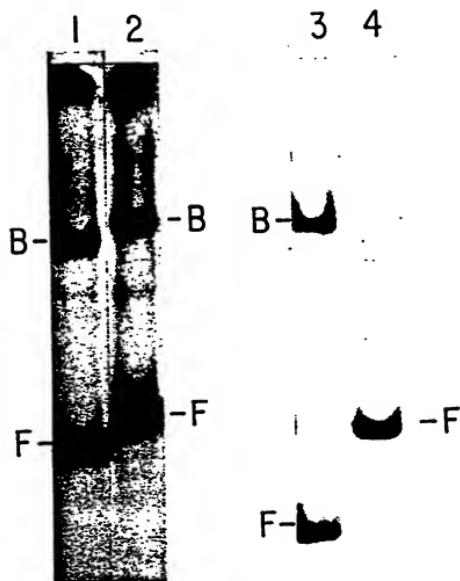


FIG.1C

pUC V_L

1 2 3 4 5 6 7

B2 -

B1 -

F -

FIG.2A

10037341.010402

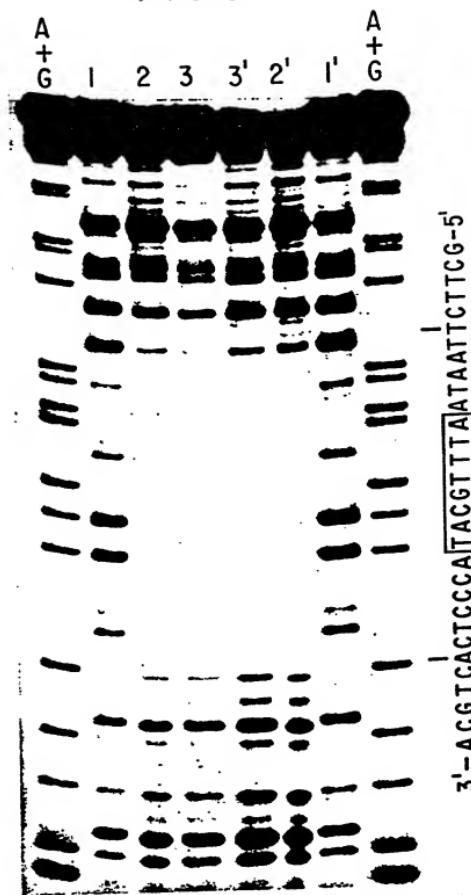
FIG. 2B

1 2



HeLa

FIG.3



V_L	coding strand	(-66)	[*] TCTTAATA	ATTTGCAT	ACCCTCAC
V_H	non-coding strand	(-50)	CGCACATG	ATTTGCAT	ACTCATGA
$J_H - C\mu$	coding strand	(166)	CCTGGTAA	ATTTGCAT	TTCTAAAA

FIG.4A

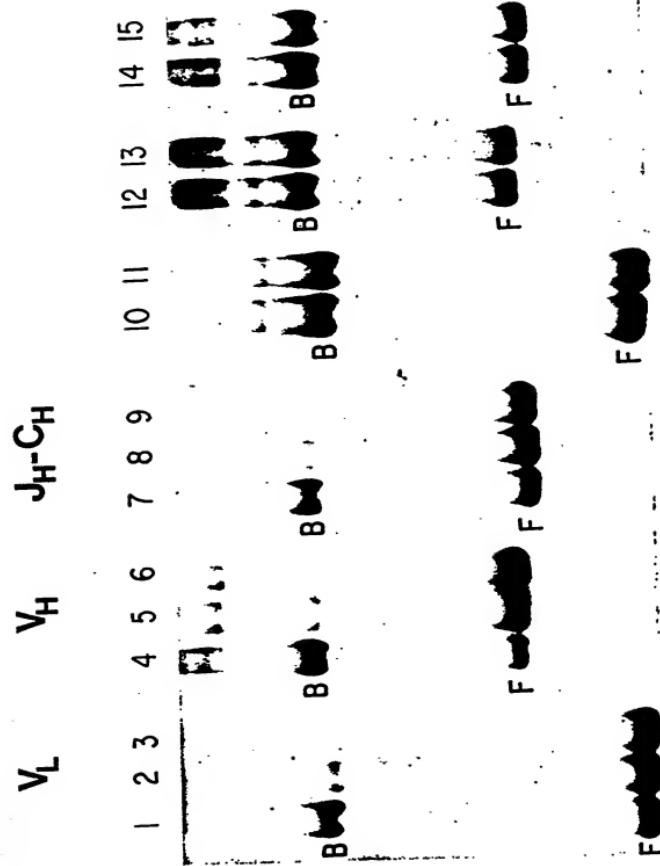


FIG.4B

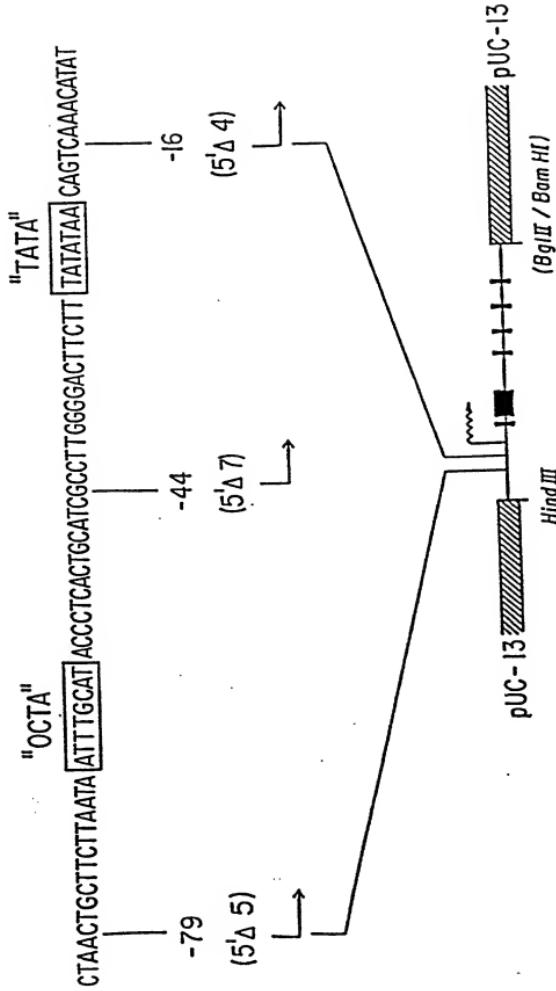


FIG.5A

FIG.5B

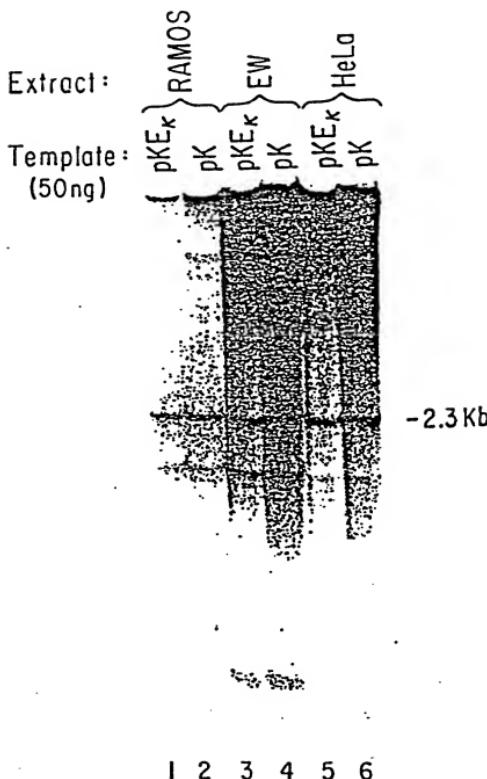


FIG.6

Extract:

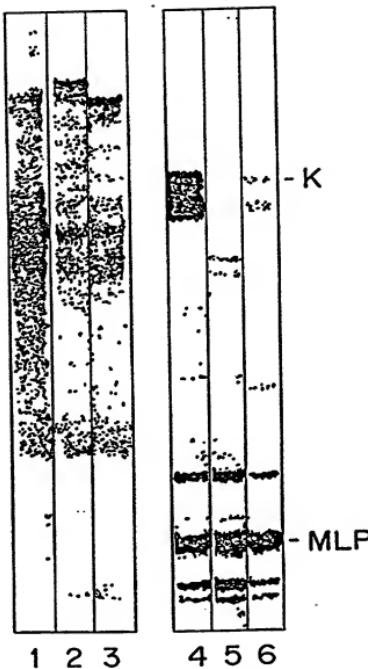
Template:

EW

EW

PK
PΔKEμ
PΔK

$$pK + pF_L B_H$$



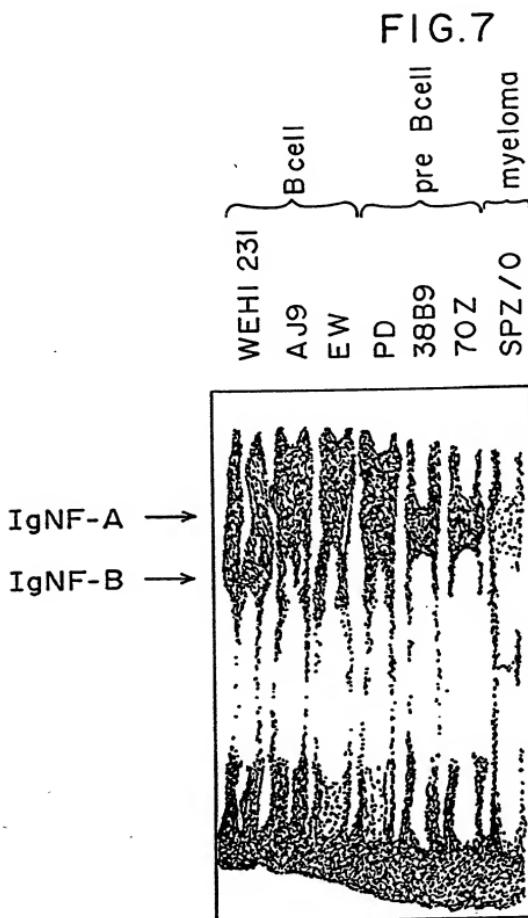
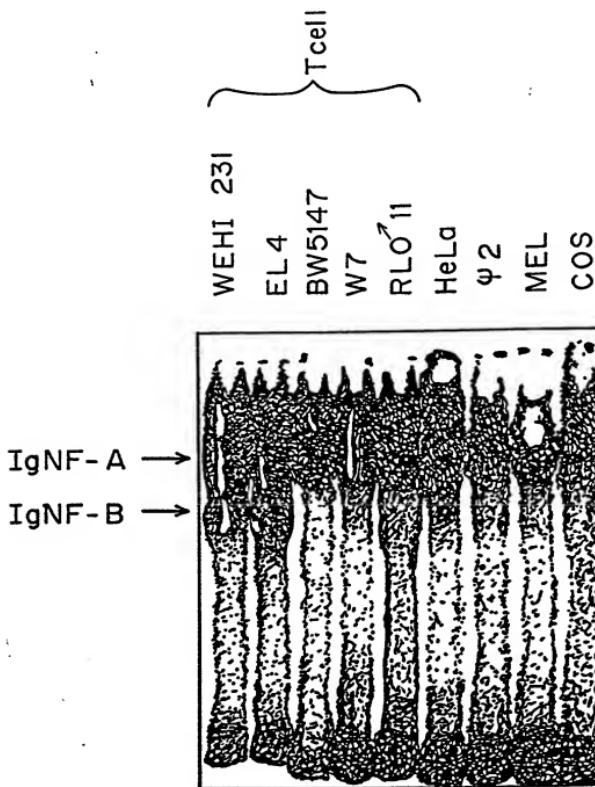


FIG. 8



Probe: μ 300
Extract: EW/N
Competitor:

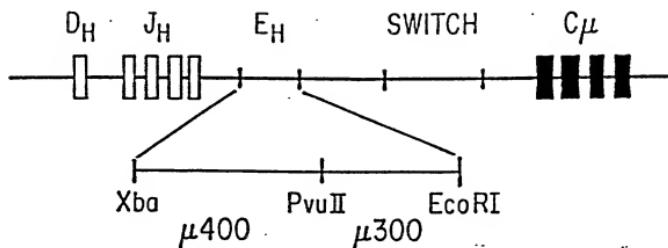


FIG.9A

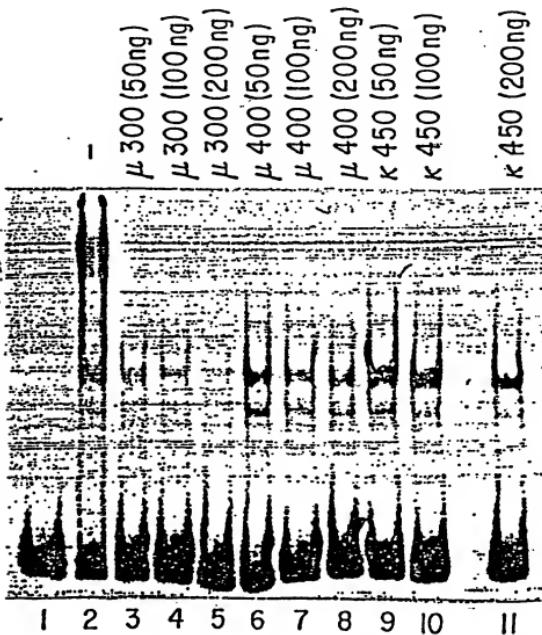
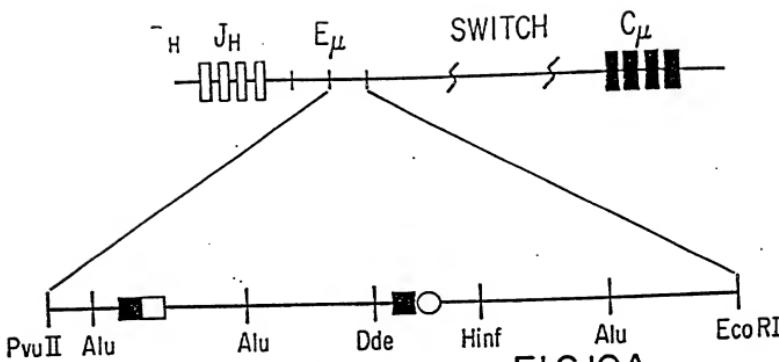


FIG.9B



: E
 : ?
 : Octamer (ATTTGCAT)

FIG. IOB

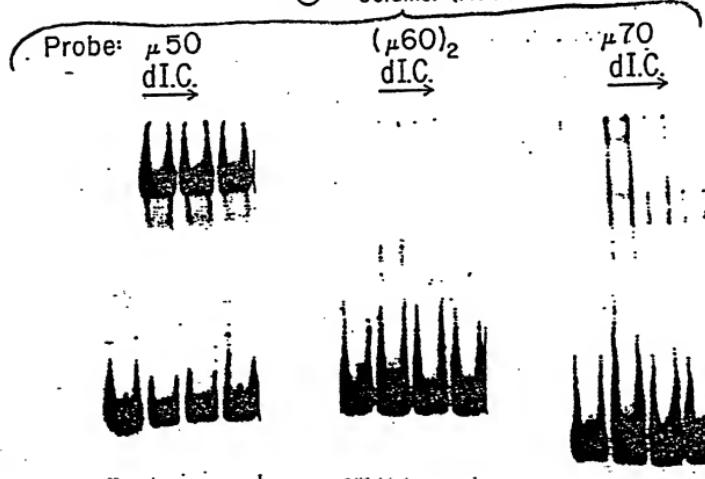


FIG.10C

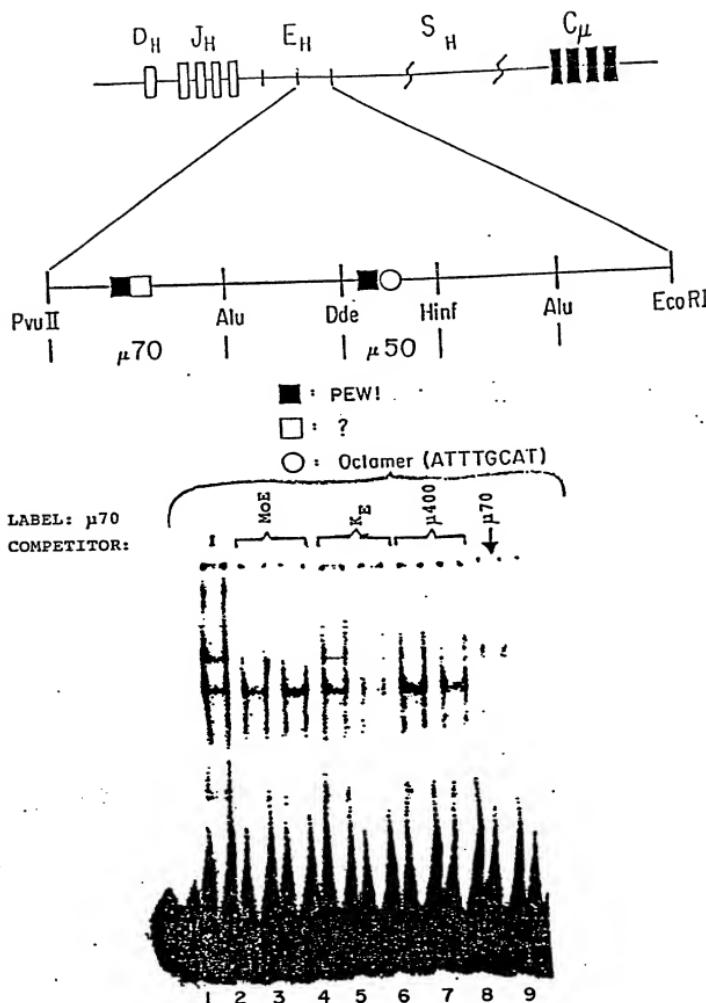


FIG.10D

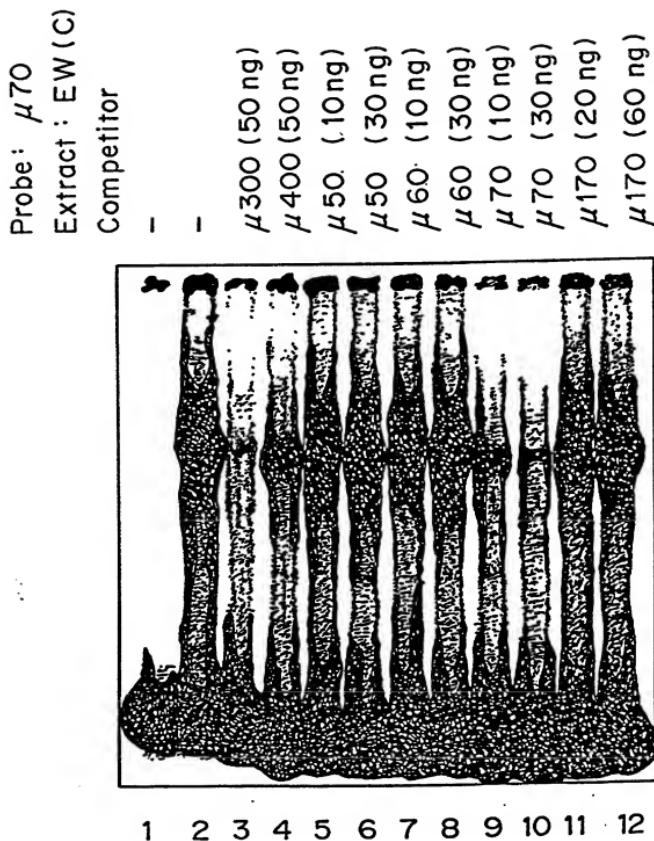
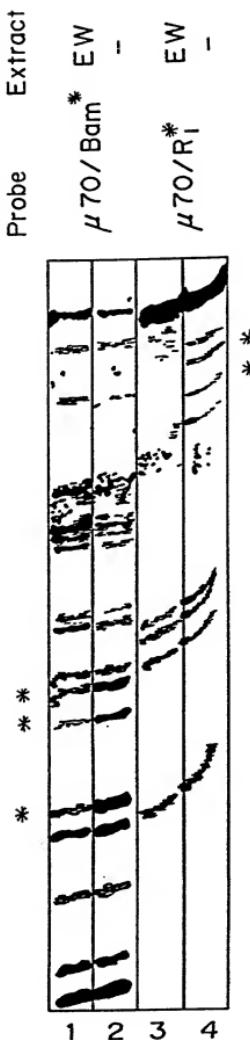


FIG.IIA



FIG.IIB



20 PHOTO THREE OUT

μ 50:

AATTACCCAGGTGGTGTGTTGCT
TTAATGGGTCCACCAACAAACG
O

μ 70:

AGCAGGTCATGTCAGGCTA
TCGTCCAGTACACCGTTCCGAT
O

FIG. IIC

FIG.12A

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19



FRAGMENT: μ 50
EXTRACT(9-11 μ gm)

HAF TL
PD
3889
70Z
EW
WEIII231
AJ9
SP2-O
KR-12
8226
RLdII
W7
EL4
BW
COS
3T3
MEL
MeLa

1
2
3
4
5
6
7
8
9
10
11
12



FRAGMENT: μ 70
EXTRACT(9-11 μ gm)

EW
C5
3889
70Z
WEIII
SP2-O
COS
3T3
MEL
PCC4
HeLa

FIG.12B

FIG.13A

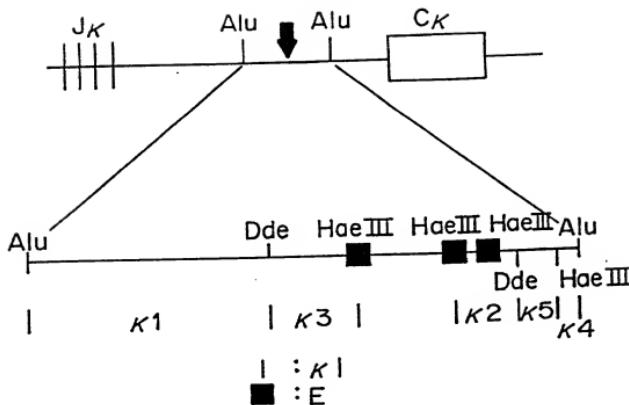
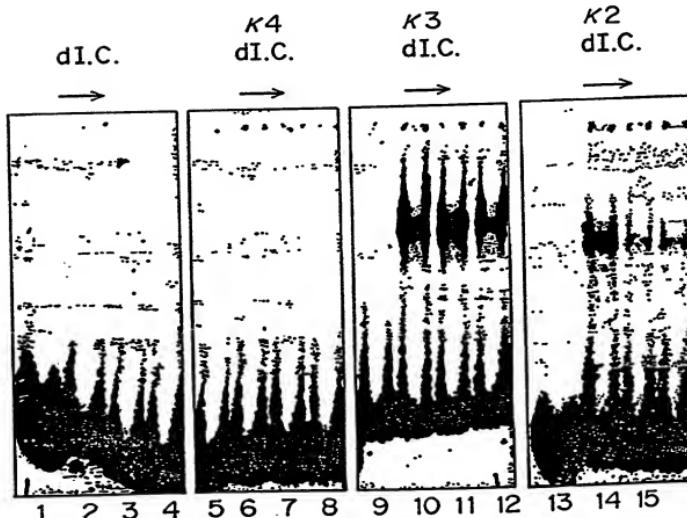
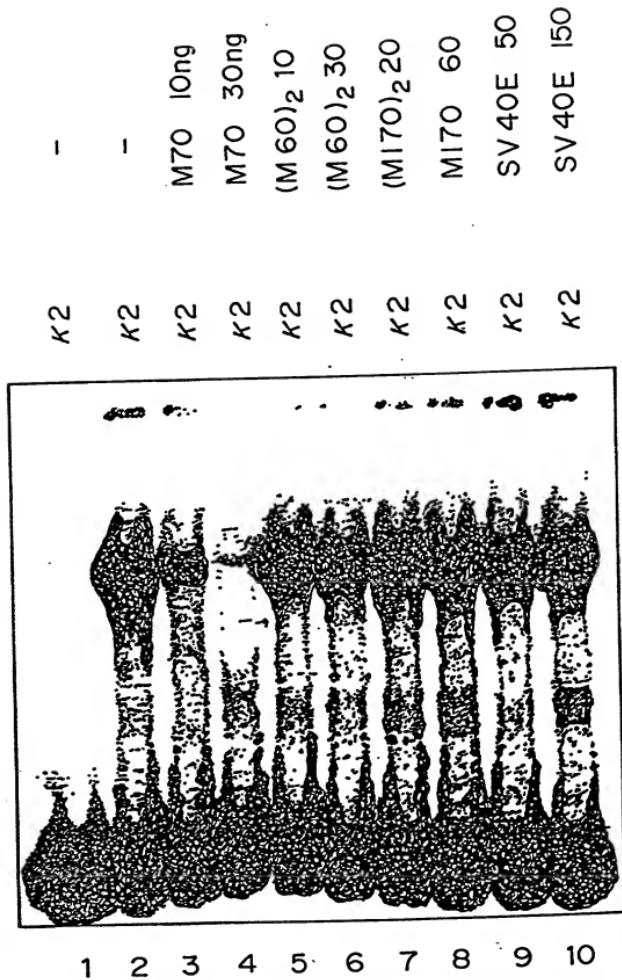


FIG.13B



Extract EW/c 1 μ
fragment Comp

FIG.13C



Probe: K3

Extract: EW/N

Competitor

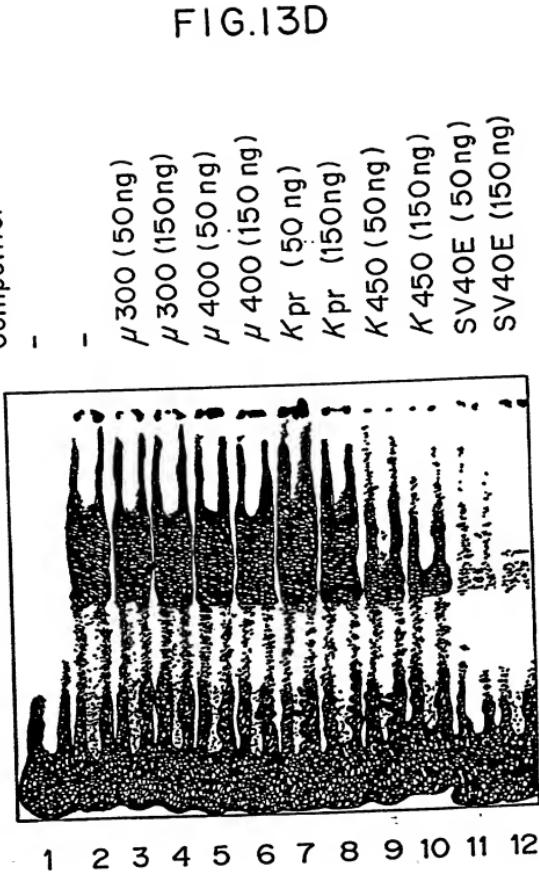


FIG.14

Probe: $\kappa-3/Dde^*$

Extract

MPC II

-

WEHI 23I

-



1 2 3 4

FIG.15A

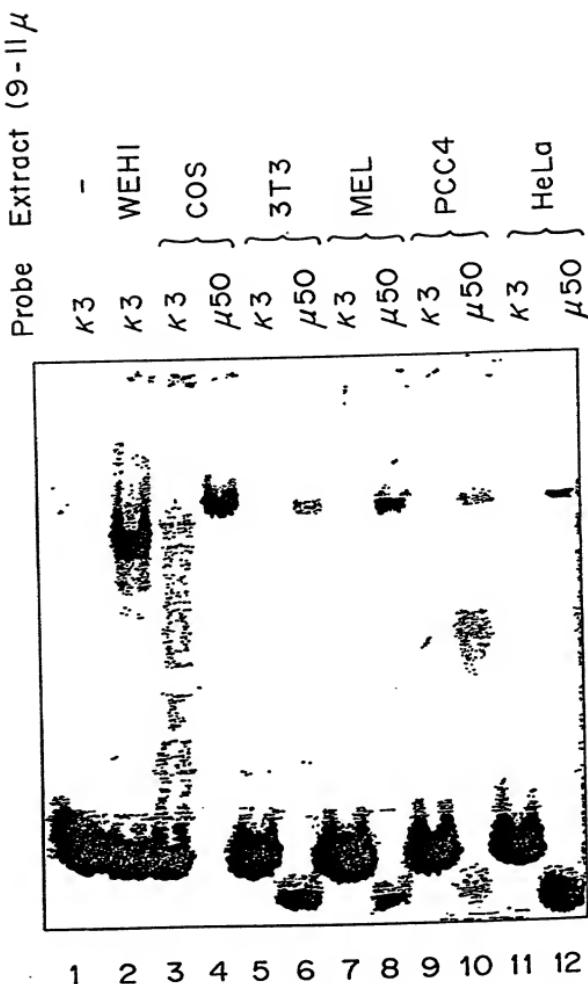


FIG.15B

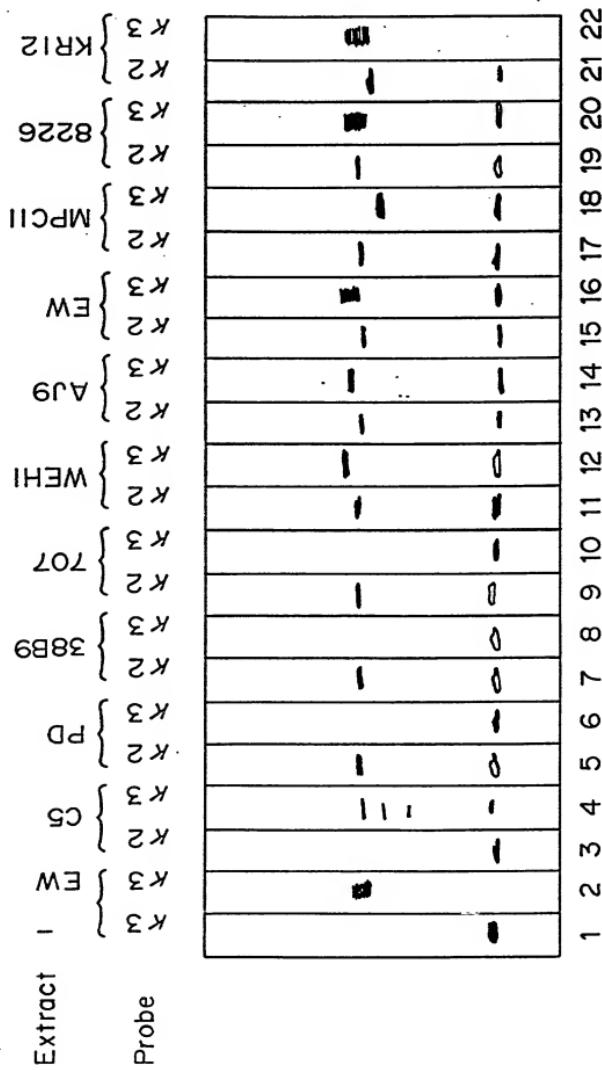


FIG.16

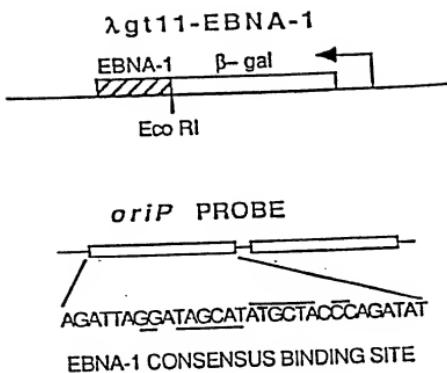


FIG.17

A.

<i>MHC</i>	<u>TGGGGATTCCCCA</u>
<i>mhc1</i>	TGcGGATTCCCaA
<i>κEN</i>	aGGGGAcTttCCg
<i>κen</i>	aaatt _a AcTttCCg
<i>SVEN</i>	TGGGGAcTttCCA
<i>HIV</i>	TGGGGAcTttCCA aaGGGAcTttCCg

1 CTGGGGCCCCAGAGAGGGTGGGGAGATGACACAGTTCTCCCCAGCCCTGGCGGGCG
 61 GGCAGCATGGTCACTCCAGCATGGGGCTCCAGAAAATAAGAATGTCTAACCCCTGGAG
 121 GCCGAGAAGCAAGGTCTGGACTCCCCATCAGAGCACACAGAACCGAAAGAAATGGACCA
 181 GACACTAATCATCAGAACCCCCAAAATAAGACCTCCCCATTCTCCGTGTCCTAACTGGC
 241 CCCAGTACAAAGATCAAGGTGAAGACCCCAGTGGCATTAGCCCCAGCAGCACCCCTG
 301 CCCCCCTCAGCGGCCAGCCTCATCTCCCCAGGCCAACTCATGTTGACGGGCAGGCCAG
 361 CTAGCTGGGGACATAACAGCAGCTCCAGCTCCAGCAGCTGGTGTGGCCAGGCCAC
 421 CACCTCCAGCCACCTGCTCAGTCTCTGCTACCGCAGGCCAGCAGAGCCAGGCCAGCCTG
 481 CTACCGACACCAAACTATTCCAGCTACCTCAGCAAACCCAGGGAGCTCTGACCTCC
 541 CAGCCCCGGCGGGCTTCCCACACAGGCCGTGACCCGCCCTACGCTGCCGACCCGAC
 601 CTCTCGCACCCGCAGCCCCAAAATGCTGGAGCCACCATCCCACCCCGAGGAGCCAGT
 661 GATCTGGAGGAGCTGGAGCAATTGGCCCGACCTTCAAGCAACGCCGATCAAGCTGGC
 721 TTACACGCAGGGTGATGTGGGCTGGCATGGGCAAGCTTACGCCAACGACTTCAGCCAG
 F T Q G D V G L A M G K L Y G N D F S Q
 C G P G H G Q A L R Q R L Q P D

FIG. 18A

GTTACTACCTTATCCTCAGCTGTGGGACGCTCCACCCAGCCGGACAGCTGGAGGGGT
 1261 V T T [L] S S A V G T [L] H P S R T A G G G
 Y Y L I L S C G D A F P Q P D S N M G W
 GGGGGCGGGGGCGGGCTGCGCCCCCTCAATTCCATCCCCTCTGTCACTCCCCCACCC
 1321 G G G G G A A P P L N S I P S V T P P P
 G M G R G C A A P P Q F H P L C H S P T P
 CCGGCCACCAACAGCACAAACCCAGCCCTCAAGGCAGCCACTCGGCTATCGGCTG
 1381 P A T T N S T N P S P Q G S H S A I G L
 G H N Q Q H K P Q P S R Q P L G Y M L V
 TCAGGCCTGAACCCAGCACGGGTAAGTGGTGCACGGAGCTGTGGGAGAACCA
 1441 S G L H P S T G +
 A P E P Q N G V S G C T W E A V G R S R
 GCGTCGCTGCTCTTCTAGGGTGGGAGCCGACCCAGTTATGTTGGCAGGTCCCTGCC
 1501 V A A A S R V G S G T P V M L A G P C P
 CCTGCTAATGCCCTGCTTGCCTTGCAGAAGCACAATGGTGGGTTGAGCTCCGGCT
 1561 C +
 GAGTCCAGCCCTCATGAGCAACAACCCCTGGCCACTATCCAAGGTGCGTGCTGCCAT
 1621 GTCACACCCATCGTCACCAGCCCCGGAATTGAG
 1681

FIG. 18A (CONT.)

ACGACCATTCCCGCTTCGAGGCCCTCAACCTGAGCTTCAAGAACATGTGCAAACCTCAAG
 781 T T I S R F E A L N L S F K N M C K L K
 D H F P L R G P Q P E L Q E H V Q T Q A

 CCCCTCTGGAGAAGTGGCTCAACGATGCAGAGACTATCTGTGGACTCAAGCCTGCC
 841 P L L E K W L N D A E T M S V D S S L P
 P P G E V A Q R C R D Y V C G L K P A Q

 AGCCCCAACCGAGCTGAGCAGGCCAGCTGGTTTCGAGCCTGCCGGAGACGCAAG
 901 S P N O L S S P S L G F E P A G R R R K
 P Q P A E Q P Q P G F R A C M P E T Q E

 AAGAGGACCAGCATCGAGACAAACGTCGCTGCCCTAGAGAACAGAGTTCTAGCGAAC
 961 K R T S I E T N V R F A L E K S F L A N
 E D Q M R D K R P L R L R E E F S S E P

 CAGAACGCTACCTCAGAGGAGATCCTGCTGATGCCGAGCAGCTGCACATGGAGAAGGAA
 1021 Q K P T S E E I L L I A E Q L H M E K E
 E A Y L R G D P A D R R A A A H G E G S

 GTGATCCGGCTCTGGTTCTGCAACCGGCCAGAAGGACAAACGCATCAACCCCTGCAGT
 1081 V I R V W F C N R R Q K E K R I H P C S
 D P R L V L Q P A P E G E T H Q P L Q C

 GCGGCCCCCATGCTGCCAGCCCAGGGAAAGCCGCCAGCTACAGCCCCATATGGTCACA
 1141 A A P M L P S P G K P A S Y S P H H V T.
 G P H A A Q P R E A G Q L Q P P Y G H T

 CCCCCAAGGCGGCCGGGACCTTACCGTTGCCAAGCTCCAGCAGTCTGAGCACAACA
 1201 P Q G G A G T L P [L] S Q A S S S [L] S T T
 P A G R G D L T V V P S F Q Q S E H N S

FIG. 18A (CONT.)

CCTCAAGGCAGGCCACTCGGCTATCGGCTTGTCAAGGCCCTGAACCCAGCACGGGCCCTGGC
 1411 P Q G S H S A I G L S G L N P S T T G P G
 S A Q P L G Y R L V M P E P Q M G P N P
 CTCTGGTGGAACCTGCCCCCTTACCAAGCCCTTGATGGCAGCGGGAACTCTGGTGTGGGGGC
 1471 L W W N P A P Y Q P .
 L V E P C P L P A L M A A G I W C W G Q
 AGCCGGTGCAGCCCCGGGAGCCCTGGCCTGGTACCTCGCCGCTCTTCTTGAATCATG
 1531 P V Q P R G A L A W .
 TGGGCTGCCCTGCTCAGCACCCCCGCCCTGGTGTGGGCCTGGCTCAGCAGCGGCTGCGGG
 1591 TGTGGCGACCTCCATCTCCAGCAAGTCTCCTGGCCTCTCCTCTCATCCTCTTCATCCTC
 1651 ATCCCTCCTCCCTCCACTTGCAGCGAGACGGCAGCACAGACCCCTGGAGGTCCAGGGGGG
 1711 CCCGAGGCAGGGTCCAAACCTGAGTGAGGGGCCAGCCATGCCCTCCCTCCATTCCCTGG
 1771 TCCCTGCCCCGGAAATTC
 1831

FIG.18B

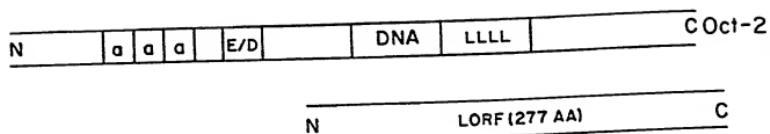


FIG.18C

卷之三

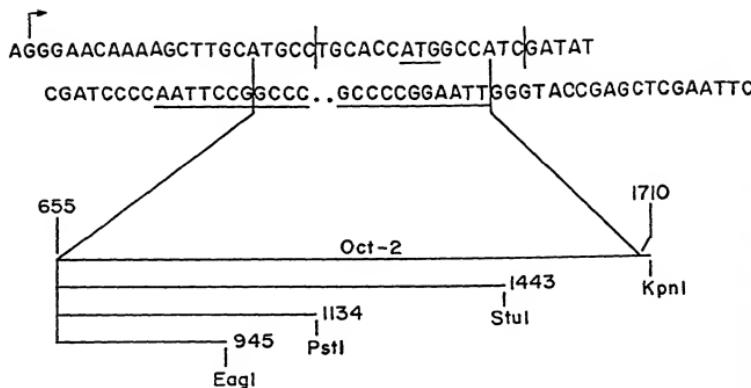
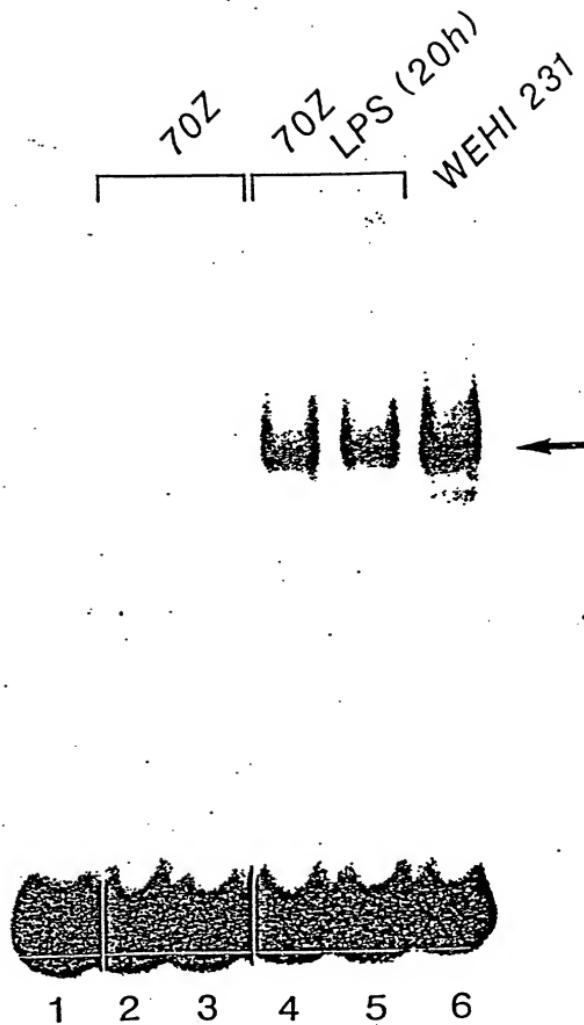


FIG.19

		helix	turn	helix	
		↔		↔	
Oct-2	RRKKR TS ITNVRALEKSFLANQKPTSEE LL IAEQLHMEKEVIRV W FCN R QKEKRINPC	*	*	*	
a1	SPKGKSSISQARAF LE QVFRRKQSLNSKEKEEYARKCGITPLQVRVHEINKBMRSK	*	*	*	
a2	KPYRGHRT K ENVRI L ESWFAKNPY L DTKGLENLMKNTS L SRIQIKN H VSNRBRKEKTIT	*	*	*	
pho2	QRPK R TRAKGEALD V LRK K FEINPTPSLVERKKISDLIGMPENVR I TEONR B AKL R KKQ	*	*	*	
mec-3	RRGPETT K ONQ D V N EMESNTPKPSKHARAKLAETG L SMRVIQ V THEONR B SKERRLK	*	*	*	
cut	SKKQBVLFSEEQKEA L RAFALD D P N VGTIEFLANELG L ATRTITN W EHN H MR L KQQV	*	*	*	
en	EKR P B TAFSSEQ L AKREFEN N YLTERRQQLSSELG L NEAQIK I IEONKBAKIKKST	*	*	*	
Antp	RKRGEQTY T YQ T LEKEFHF N YLT R RR R RIEIAHALC L TERQIK I IEONR R MWK K KEN	*	*	*	
					(conserved residues in homeo-box family)
		R	Q	L	X
				I	W E N R

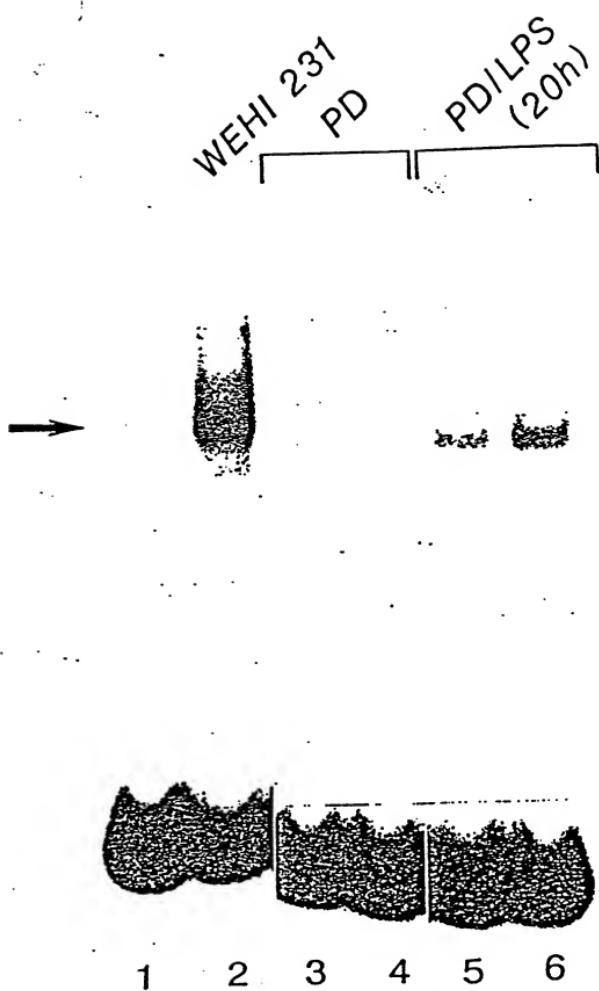
FIG.20

FIGURE 21A



10037341.010402

FIGURE 21B



200037343.010402

WEHI 23

LPS (4hr)

702

702

LPS (4hr)

702

702



1 2 3 4 5 6 7 8 9 10 11 12 13 14

FIGURE 22A

FIGURE 22B

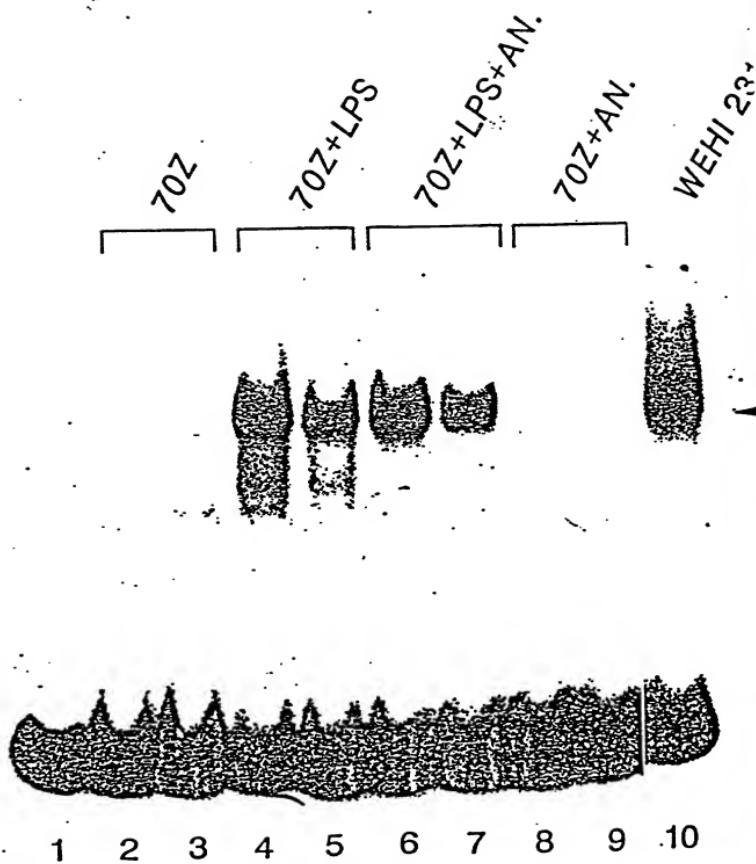


FIGURE 23A

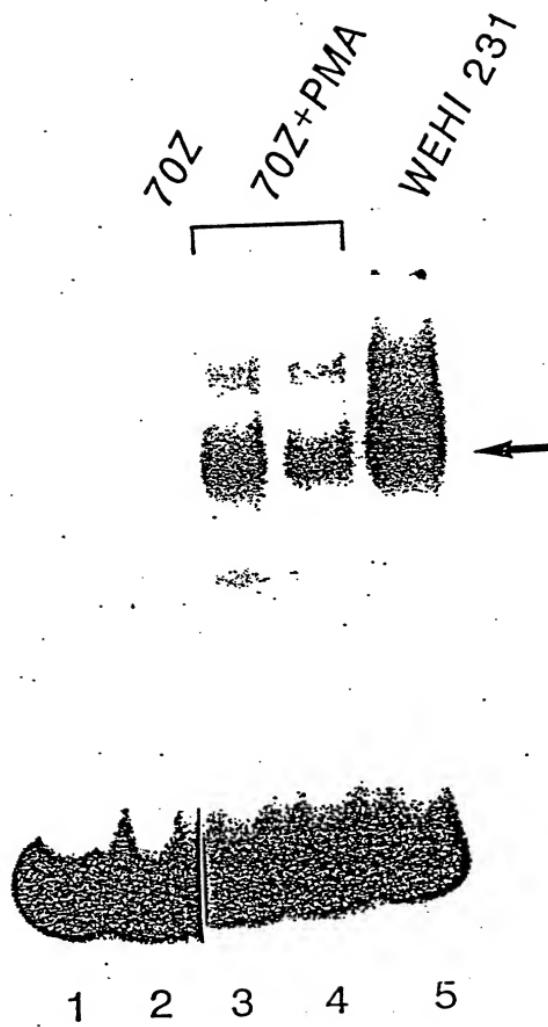
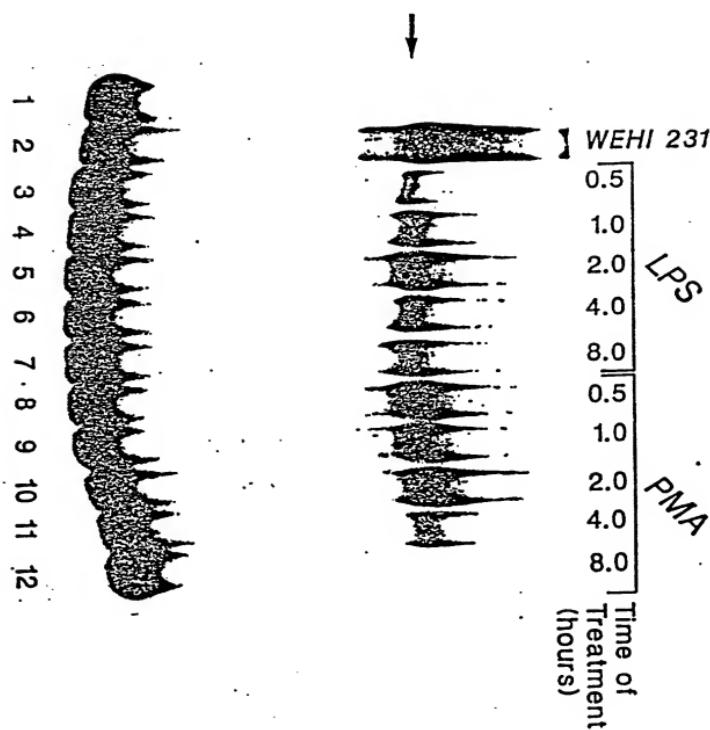


FIGURE 23B



10037341-010402

FIGURE 24A

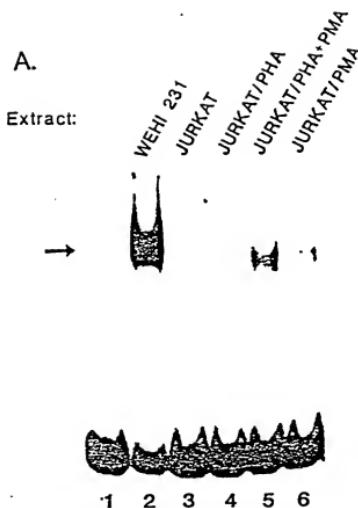


FIGURE 24B

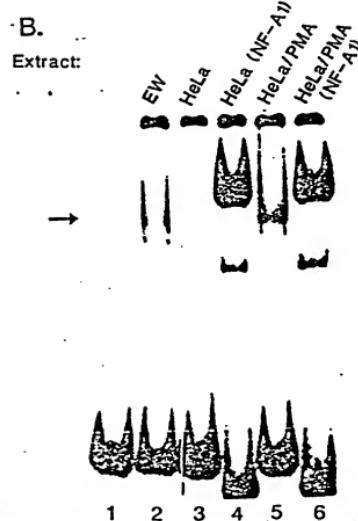


FIGURE 24C

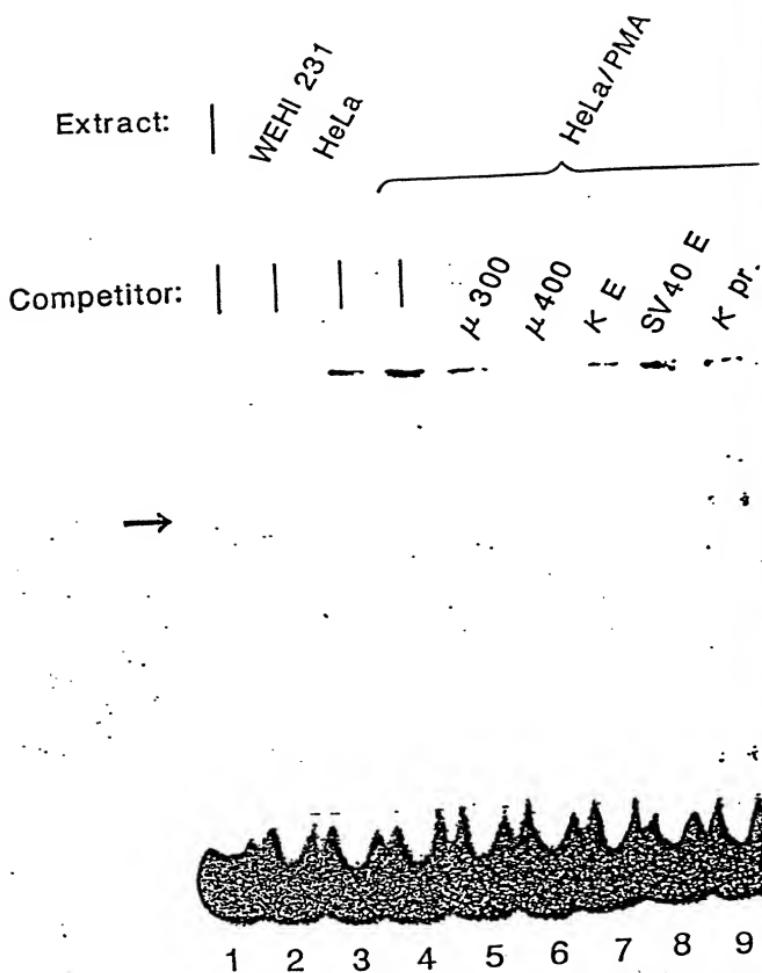
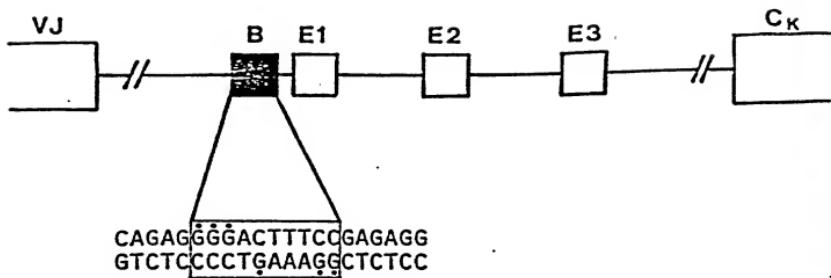


FIGURE 25

κ -Enhancer



HIV LTR

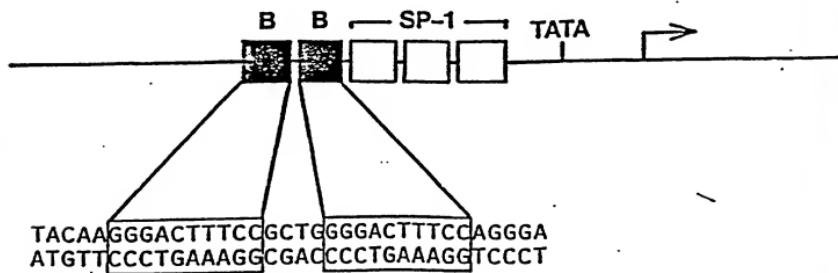


FIGURE 26

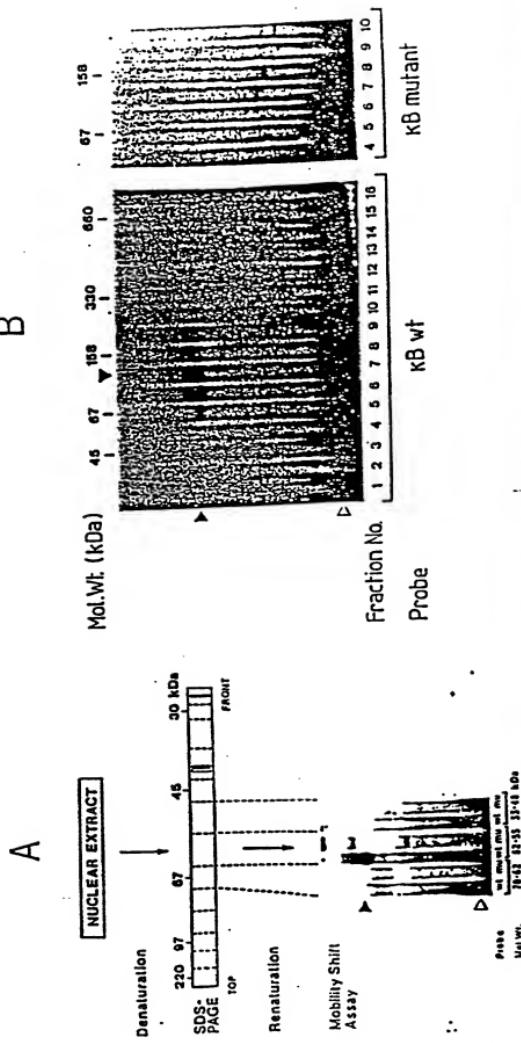


FIGURE 27. *Scutellaria* L. *Scutellaria galericulata* L.

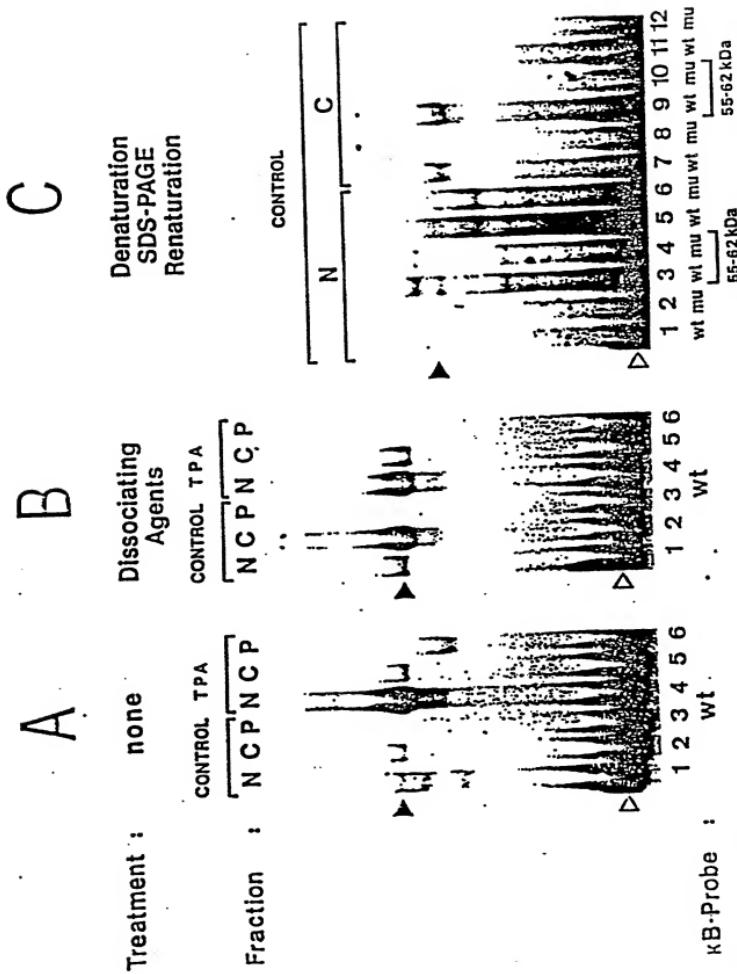
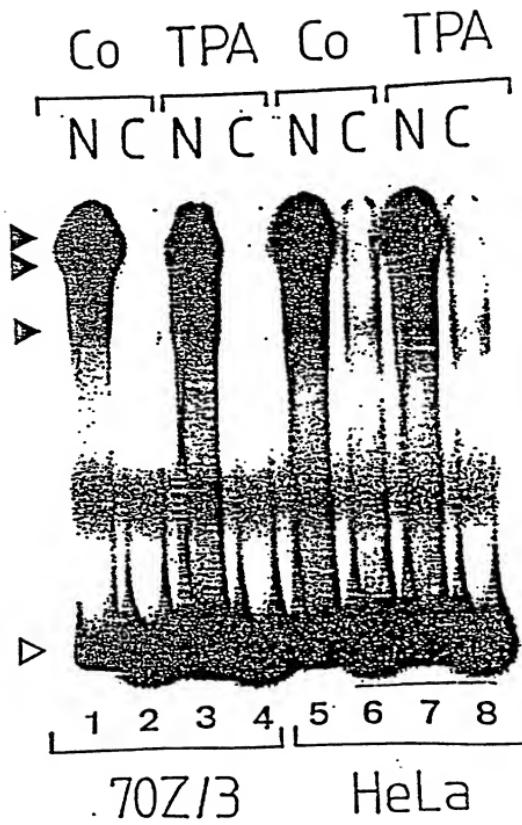


FIGURE 28



10037341,010402

FIGURE 29

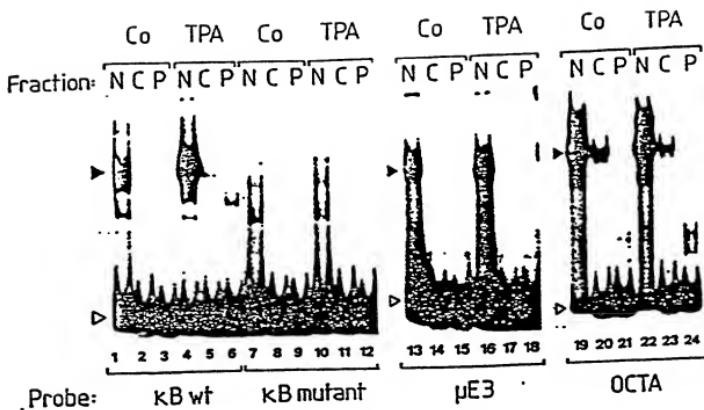


FIGURE 30

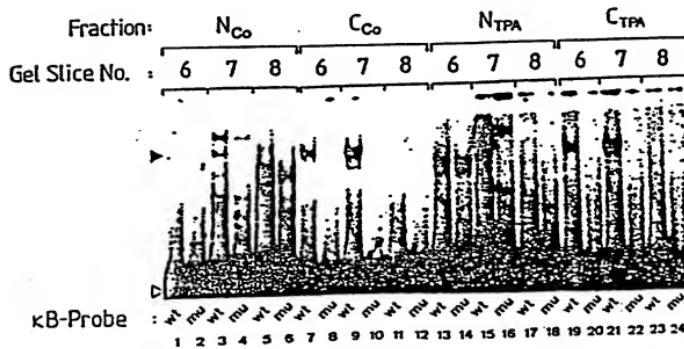


FIGURE 31

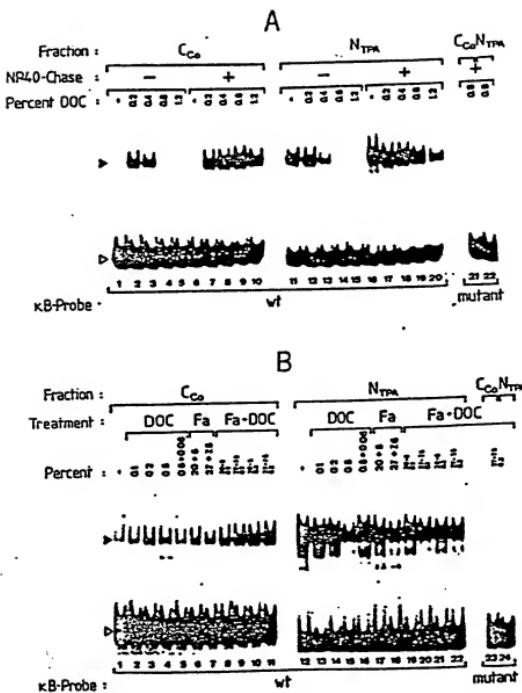


FIGURE 32

70Z/3

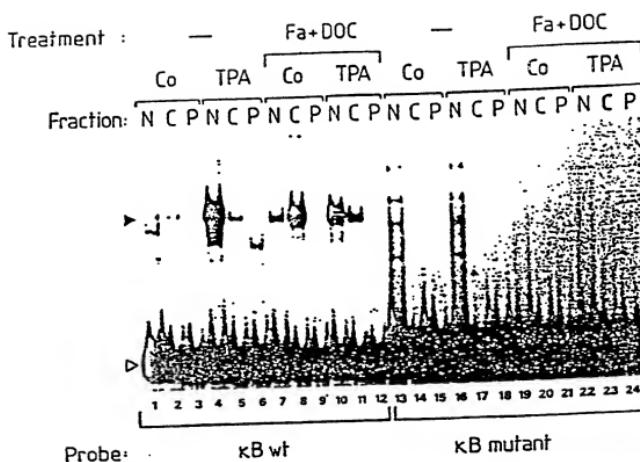


FIGURE 33

HeLa

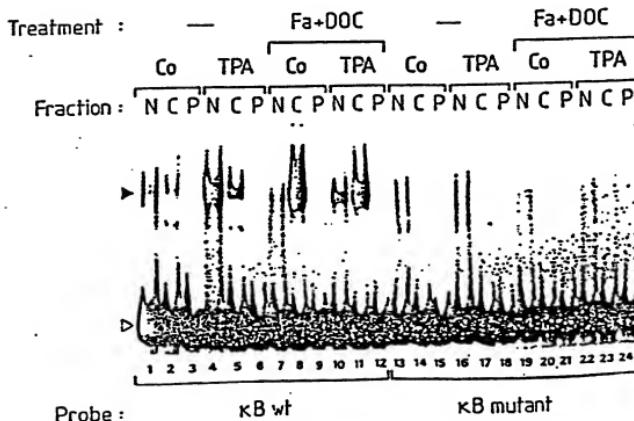


FIGURE 34

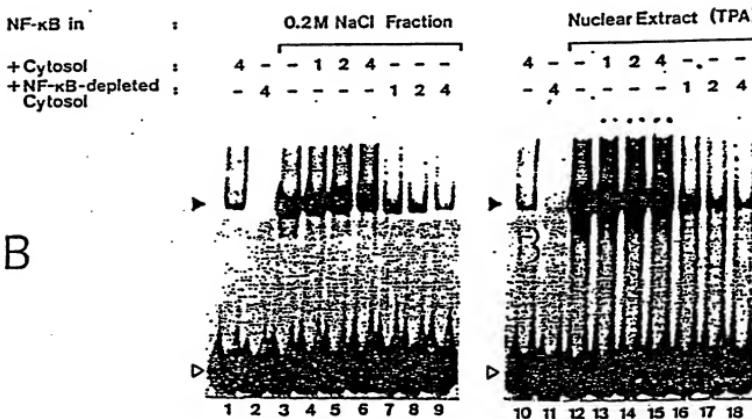
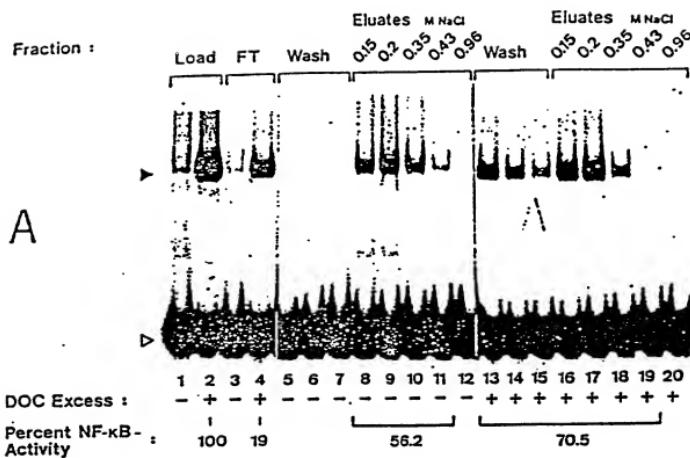


FIGURE 35

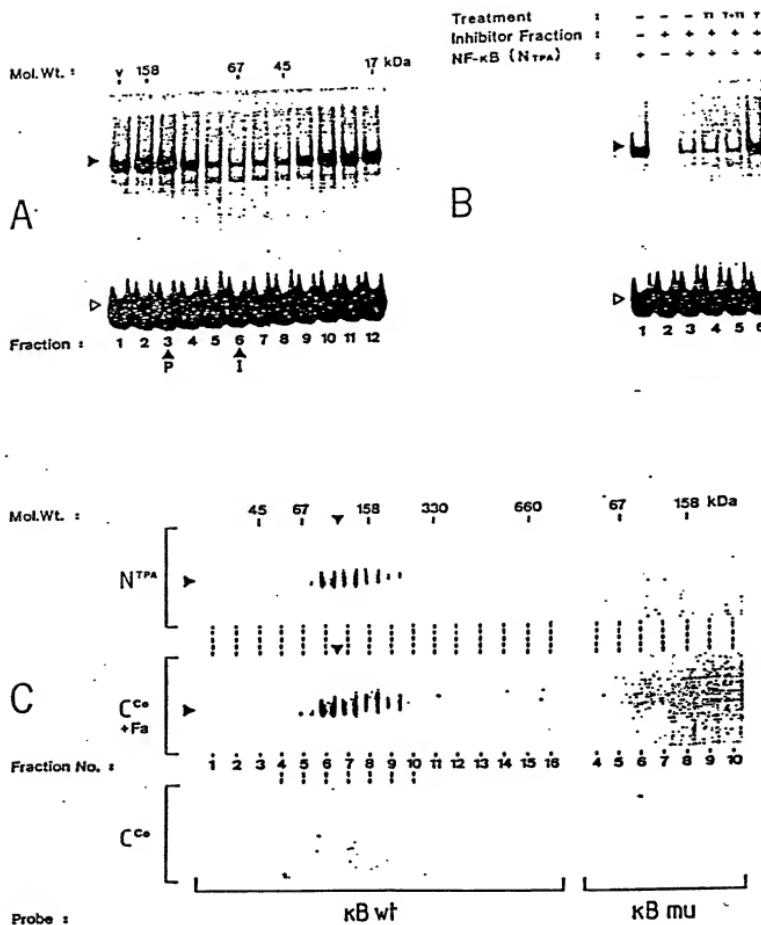
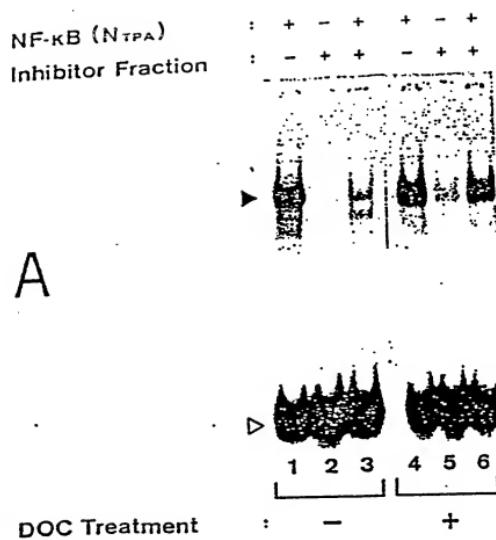


FIGURE 36

2040-77-0001



B

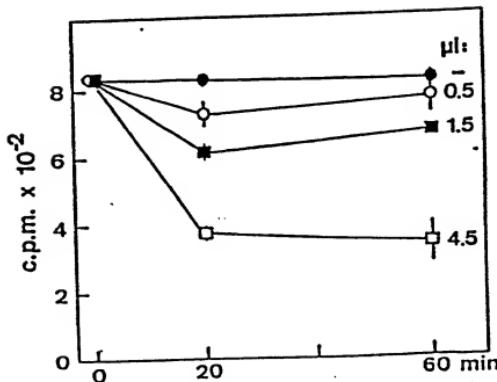


FIGURE 37

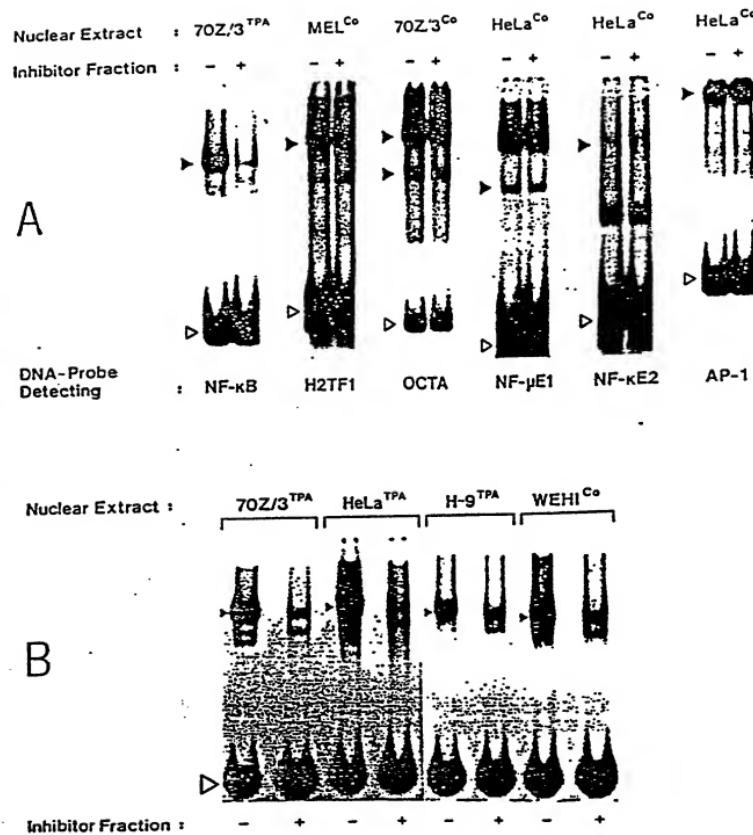
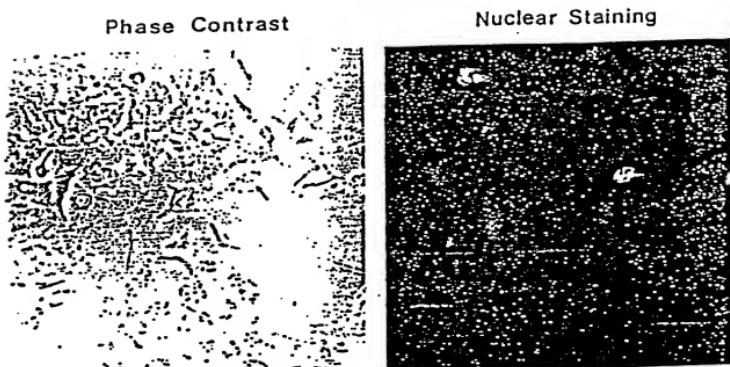


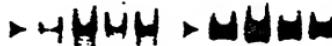
FIGURE 38



Enucleation	:	-	+	-	+	-	+
Treatment of Cells	:	Co	TPA	Co	TPA	Co	TPA

-	+	-	+	-	+
Co	TPA	Co	TPA	Co	TPA

-	+	-	+	-	+
Co	TPA	Co	TPA	Co	TPA



Probe	:	1	2	3	4	5	6	7	8	9	10	11	12
DOC-Treatment	:	-	-	-	-	+	-	-	-	-	-	-	-

1	2	3	4	5	6	7	8	9	10	11	12
KB	KB	KB	KB	AP-1							

-	-	-	-	+	-	-	-	-	-	-	-
---	---	---	---	---	---	---	---	---	---	---	---

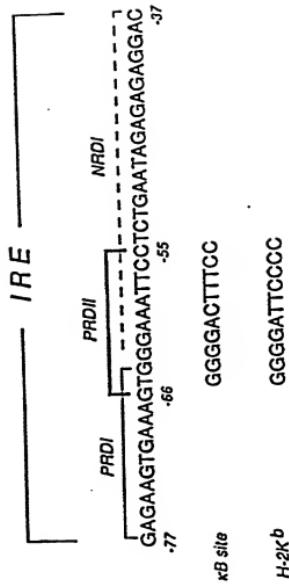


Figure 39



Figure 40



Figure 41

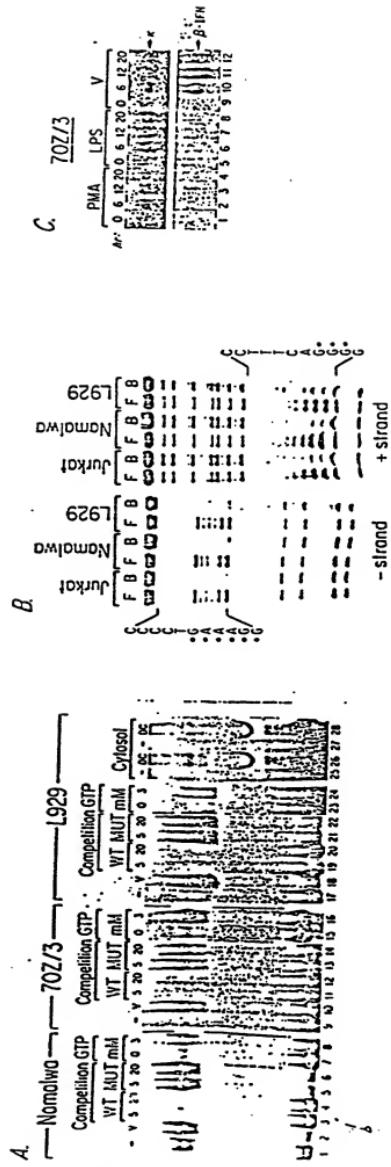


Figure 42

FIGURE 43